



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 10  
1200 Sixth Avenue  
Seattle, Washington 98101

March 8, 1995

Mr. R. Dary Newbry  
Pittsburgh Naval Reactors Office  
Idaho Branch Office  
P.O. Box 2469  
Idaho Falls, Idaho 83403-2469

RE: Removal Action at Operable Unit 8-03-22 Finalization

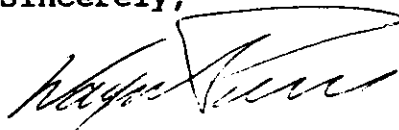
Dear Mr. Newbry,

The Environmental Protection Agency (EPA) has reviewed the sampling information obtained at the completion of the removal action at the AW1 Paint Locker French Drain. As indicated in your correspondence, the residual mercury and lead concentrations exceed the upper tolerance limit for INEL background. The purpose of this removal action was to eliminate the potential for ongoing contaminant release. The removal action was intended to remove the source which would eliminate subsequent leaching of contaminants from the sludge and prevent future infiltration by discontinuing use of the drain.

Risk based residential screening levels for lead and mercury, zinc 23,000 are 400 ppm (1) and 23 ppm (2) respectively. The residual contamination levels for lead and mercury are 255 ppm and 75.6 ppm and zinc 288 ppm respectively. The risk based limiting soil concentration for all constituents was provided in the attachment to the concurrence request. This analysis show that the limiting soil concentration for mercury is 15 ppm. The limiting soil concentration is based on the conservative assumption of mercury in the methylmercury form. Based on the conservative assumptions used in the limiting soil concentration, the low potential for further release due to source removal and the low potential for a complete exposure pathway, EPA concurs with finalization of this removal action, by grouting the drain closed.

If you have any questions regarding this concurrence, please contact Linda Meyer at (206) 553-8581.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Wayne Pierre', with a large, sweeping flourish extending from the end of the name.

Wayne Pierre, Program Supervisor  
Federal Facility Section 1  
Superfund Remedial Branch

cc: Margie English, IDHW  
Rick Nieslanik, Westinghouse

**References:**

- (1) Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities OSWER 9355.4-12.
- (2) Risk Based Concentration Table, Fourth Quarter 1994, November 1994.